In the specification:

Please amend the paragraph beginning at page 18, line 4 and ending at page 19, line 12 as follows:

In certain preferred embodiments of the invention, each of the probe spots in the array comprising the long oligonucleotide probe compositions correspond to the same kind of gene; i.e. genes that all share some common characteristic or can be grouped together based on some common feature, such as species of origin, tissue or cell of origin, functional role, disease association, etc. In this embodiment, each of the different target nucleic acids that corresponds to the different probe spots on the array are of the same type, i.e. that are coding sequences of the same type of gene. As such, the arrays of this embodiment of the subject invention will be of a specific array type. A variety of specific array types are provided by the subject invention. Specific array types of interest include: human, cancer, apoptosis, cardiovascular, cell cycle, hematology, mouse, human stress, mouse stress, oncogene and tumor suppressor, cell-cell interaction, cytokine and cytokine receptor, rat, rat stress, blood, mouse stress, neurobiology, and the like. For a more detailed description of the different target nucleic acids represented on at least some of these types of arrays, see PCT/US98/10561 the disclosure of which is herein incorporated by reference, as well as: U.S. Patent Application Serial No. 08/859,998 **now issued as U.S. Patent No. 5,994,076**; U.S. Patent Application Serial No. 08/974,298 **now abandoned**; U.S. Patent Application Serial No.09/225,~~998~~ **928 now issued as U.S. Patent No. 6,352,829**; U.S. Application Serial No. 09/221,480 **now abandoned** ; U.S. Application Serial No. 09/222,432 **now abandoned**; U.S. Application Serial No. 09/222,436 **now abandoned**; U.S. Application Serial No. 09/222,437 **now abandoned**; U.S. Application Serial No. 09/222,251 **now abandoned**; U.S. Application Serial No.09/221,481 **now abandoned**; U.S. Application Serial No.09/222,256 **now abandoned**; U.S. Application Serial No. 09/222,248 **now issued as U.S. Patent No. 6,077,673**; and U.S. Application Serial No. 09/222,253 **now abandoned**; U.S. Application Serial No.**09/442,589 now abandoned** ~~(entitled "Human Cardiovascular Array," and having Att'y docket no. CLON-~~

~~006CIP10)~~;U.S. Application Serial No. **09/440,302 now abandoned** ~~(entitled "Human Neurobiology Array," and having Att'y docket no. CLON-006CIP11)~~; U.S. Application Serial No. **09/454,226 now abandoned** ~~(entitled "Rat Array," and having Att'y docket no. CLON-006CIP12)~~; U.S. Application Serial No. **09/442,366 now abandoned** ~~(entitled "Human Array," and having Att'y docket no. CLON-006CIP13)~~; U.S. Application Serial No.**09/442,385 now abandoned** ~~(entitled "Cancer Array," and having Att'y docket no. CLON-006CIP14)~~; U.S. Application Serial No.**09/442,384 now abandoned** ~~(entitled "Hematology/Immunology Array," and having Att'y docket no. CLON-006CIP15)~~; U.S. Application Serial No. **09/441,920 now abandoned** ~~(entitled "Mouse Stress/Toxicology Array," and having Att'y docket no. CLON-006CIP17)~~; and U.S. Application Serial No. **09/440,305 now abandoned** ~~(entitled "Rat Stress/Toxicology Array," and having Att'y docket no. CLON-006CIP18)~~; the disclosures of which are incorporated herein by reference. In many embodiments, at least 20 different, usually at least 30 different and often at least 50 different genes and in many embodiments at least 100 of different genes from the tables of genes listed in these applications are represented on the subject arrays.